



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/682,586

10/09/2003

Edward R. diGirolamo

4782-030

9767

24112 7590 08/04/2009
COATS & BENNETT, PLLC
1400 Crescent Green, Suite 300
Cary, NC 27518

EXAMINER

A, PHI DIEU TRAN

ART UNIT

PAPER NUMBER

3633

MAIL DATE

DELIVERY MODE

08/04/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/682,586	Applicant(s) DIGIROLAMO ET AL.	
	Examiner PHI D. A	Art Unit 3633	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 April 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,6-8,11,21-24 and 34-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,6-8,11,21-24,34-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 3633

In view of the appeal brief filed on 4/24/09, PROSECUTION IS HEREBY REOPENED.

The claims are rejected as set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed by an appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and appeal brief fee can be applied to the new appeal. If, however, the appeal fees set forth in 37 CFR 41.20 have been increased since they were previously paid, then appellant must pay the difference between the increased fees and the amount previously paid.

A Supervisory Patent Examiner (SPE) has approved of reopening prosecution by signing below:

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 21-24, 34-38 are rejected under 35 U.S.C. 102(b) as being anticipated by Vukmanic (4677802).

Art Unit: 3633

Vukmanic shows a stud spacer (12) for extending between two studs with each stud having an opening therein, the spacer comprising a main member (17), the main member including first and second end portions (40), a projection (41) extending from one of the end portions, an opening (50) formed in the other end portion, at least one flange (71) for connecting to one of the two studs, spaced apart flanges (71, and at 40) for connecting to one of the two studs, the opening formed in the second end portion of the main member including a slot, a projection receiver (50) formed in the other end portion, either the projection or projection receiver including one or more locking members such that when a projection of one of the spacer is projected into the receiver of another spacer, a locked condition is realized, either the projection or projection receiver includes one or more stops for engaging the one or more locking members (figure 4), the locking members are disposed on the projection and the stops form a part of the receiver, at least a portion of the projection is deflectable in response to the projection engaging the receiver, the projection and receiver are disposed such that when consecutive stud spacers are connected together, the projections and receivers will overlies each other (figure 4), the projection and receiver include a flap that is at least partially flexible, in a locked position, the flaps of the projection and receiver engage each other (figure 4), both the projection and receiver include a flexible flap, a hold down element, an opening disposed between the flap and the hold down element, a deflector, an opening disposed between the deflector and the hold down element.

3. Claims 1, 6-8, 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Laughlin et al (5619263).

Art Unit: 3633

Lauglin et al (figures 6, 13-18) shows a stud spacer (able to function as claimed) for extending between two studs with each stud (stud not claimed, and the spacer is able to function as claimed) having an opening therein, the stud spacer comprising a main member (83) adapted to extend between the two studs; the main member including first and second end portions; a projection (64) extending from one of the end portions; an opening (the slot surrounding the projection 64) formed in the other end portion; and wherein one stud spacer is adapted to be connected to another stud spacer by extending the projection of the one stud spacer through the opening within one stud and into the opening of another stud spacer (able to function as claimed), the opening formed in the second end portion of the main member including a slot, the main member including a pair of side flanges (the parts touching the parts 32 and 33 in figure 13), a pair of end flanges (the parts on the left and right of part 64), the end flanges are adapted to be connected to the two studs that the stud spacer extends between (able to function as claimed), the main member including a central section and the side flanges are turned out of the plane of the central section, at least one end flange is divided into at least two portions and the projections extends between the two portions, the end flanges and the side flanges are turned in opposite directions with respect to the central section.

Response to Arguments

1. Applicant's arguments with respect to claims 1, 6-8, 11 have been considered but are moot in view of the new ground(s) of rejection.

Art Unit: 3633

With respect to claims 21-24, 34-38, the rejection is maintained as the reference reads on the claimed limitations as set forth above. The response to applicant's argument in the previous office action of 1/10/2007 still applies.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The prior art shows different spacer designs.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phi D A whose telephone number is 571-272-6864. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Chilcot can be reached on 571-272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Phi D A/
Primary Examiner, Art Unit 3633

Phi Dieu Tran A

Application/Control Number: 10/682,586

Page 6

Art Unit: 3633

7/30/09

/Richard E. Chilcot, Jr./

Supervisory Patent Examiner, Art Unit 3635